

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG2004/000353

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷:C07C 275/50, 275/54, 311/58, 311/60, 335/26, C07D 209/14, 213/40, 233/61, 235/14, 285/06, 295/13, 295/215, 307/14, 307/85, 333/20, 333/38, 333/70, A61K 31/17, 31/341, 31/343, 31/44, 31/445, 31/381, 31/404, 31/433, 31/64, A61P 35/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
STN substructure search and keywords based on formula (1) of Claim 1; STN molecular formula search

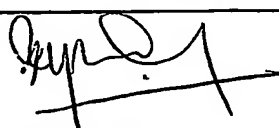
C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	STN File CA Abstract Accession No. 133:53160 & SCOZZAFAVA A. et. al., "Protease inhibitors- part 5. Alkyl/arylsulfonyl- and arylsulfonylureido/arylureido- glycine hydroxamate inhibitors of Clostridium histolyticum collagenase", European Journal of Medicinal Chemistry (2000), 35(3), 299-307. See Abstract RN 276695-94-4, 276695-95-5, 276695-96-6, 276695-97-7, 276696-17-4.	1-18
X	STN File CA Abstract Accession No. 132:342787 & SUPURAN C. T. et. al., "Protease inhibitors- part 7 Inhibition of Clostridium histolyticum collagenase with sulfonylated derivatives of L-valine hydroxamate", European Journal of Pharmaceutical Sciences (2000), 10(1), 67-76 See Abstract RN 270072-80-5, 270072-81-6, 270072-82-7, 270072-83-8, 270072-93-0	1-18

☒ Further documents are listed in the continuation of Box C

☒ See patent family annex

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 1 December 2004	Date of mailing of the international search report 6 DEC 2004
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929	Authorized officer  S.R. IDRUS Telephone No : (02) 6283 2659

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	Derwent Abstract Accession No. 2004-383257/36, Class B05 (B03) & JP 2004143053 A (SENJU SEIYAKU KK) 20 May 2004 See whole abstract.	1-18

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Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☒ Claims Nos.: 1-35
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
said Claims 1-35 are so broad as to encompass an indeterminate number of compounds that a complete search is not economically feasible. Accordingly, the search had been limited to the exemplified compounds.

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/SG2004/000353

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member
JP	2004143053	NONE
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.		
END OF ANNEX		